

Remarks

I have carefully reviewed the Office Action of January 21, 2004 of Examiner Ganey.

Claim 1

The rejection of claim 1 is respectfully traversed.

Claim 1 recites "a drive housing that encloses an oscillating drive." Claim 1 further recites a rotary nozzle assembly that is "oscillated by the drive back and forth relative to the drive housing". This means that the rotary nozzle assembly moves relative to the drive housing. Claim 1 also requires "an arc indicator carried on an exterior of the drive housing". This places the arc indicator on the drive housing and not on the rotary nozzle assembly.

Grundy does not disclose this combination of elements. Grundy has a rotary nozzle assembly 14 on top of a drive housing 12. See Fig. 1 of Grundy. However, Grundy's arc indicator comprising a severed projection 24 or the like is carried on top of the nozzle assembly 12 and not on the drive housing 14. Thus, Grundy lacks the claimed location of the arc indicator on the drive housing.

Moreover, claim 1 recites that the drive has "at least one movable arc limit stop that can be selectively moved by a user to adjust an angular extent of an arc segment." Claim 1 also requires an arc indicator that is "operatively coupled to the movable arc limit stop." Grundy does not disclose an arc indicator that is operatively coupled to any sort of movable arc limit stop. The primary purpose in Grundy is the marking of an arc that has been preset at manufacture to a fixed, non-adjustable arc. There simply is no teaching in Grundy of

coupling the arc indicator to any sort of movable arc limit stop as required by claim 1.

The Examiner's rejection of claim 1 as being anticipated by Grundy is in error and should be withdrawn.

Claim 27

Claim 27 has been amended to delete the language the Examiner found to be indefinite. Accordingly, the Examiner's 35 USC 112 rejection has been overcome.

Claims 49 and 53

Claims 49 and 53 have been amended to remove an extraneous comma at the beginning of limitation (d) of the claim.

Claims 68 and 69

Allowed claims 68 and 69 have been amended to delete the description of the arrays of teeth as being annular and concentric in nature. This deletion does not affect the allowability of these claims.

Claim 84

The rejection of claim 84 is respectfully traversed.

Claim 84 requires "a water supply tube for bringing a water flow to the nozzle assembly". Claim 84 further requires "a flow shut off valve having a portion thereof extending into and through at least a portion of the water supply tube, the portion of the flow shut off valve received inside the water supply tube having at least one stream straightening vane located thereon."

While Skidgel and Hunter disclose the use of stream straightening vanes in sprinklers, neither discloses their use on a portion of a flow shut off valve that extends into and through at least a portion of a water supply tube feeding the nozzle assembly. Skidgel's vanes 162 are simply within the water supply tube and not on a flow shut off valve. Hunter's vanes 76, 86 are on a stator assembly the purpose of which is to pass water therethrough and not to shut the flow of water off. Accordingly, neither Skidgel nor Hunter anticipate claim 84. The Examiner's rejections based thereon are in error and should be withdrawn.

The IDS that accompanies this paper cites an additional patent to Kearby that shows a flow shut off valve in a sprinkler, but one without any stream straightening vanes on rod 64.

Claims 84-87 are allowable over Skidgel, Hunter and Kearby.

Claims 88-91

Claims 88-91 are canceled.

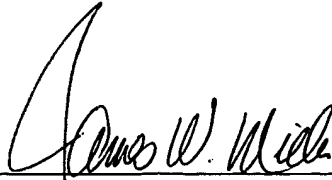
Claim 92

Claim 92 has been amended to be an independent version of claim 95, which the Examiner indicated would be allowable. Accordingly, claim 92 and its remaining dependent claims are allowable without further discussion.

Summary

All of the claims currently pending in this application are allowable. It is respectfully requested that this application be allowed and sent to issue.

Respectfully presented,

A handwritten signature in black ink, appearing to read "James W. Miller", is written over a horizontal line.

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James W. Miller
Registration No. 27,661
Suite 1005
Foshay Tower
821 Marquette Avenue
Minneapolis, MN 55402

Telephone (612) 338-5915